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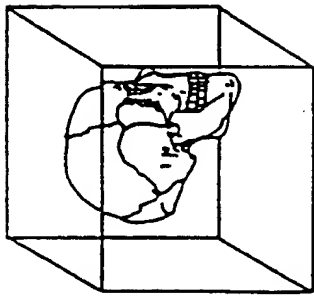
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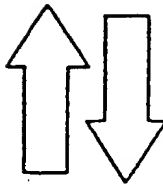
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FIG. 1  
PRIOR ART



PRE-SURGICAL SCANS  
(IMAGE DATASET)



REGISTRATION



POSITION IN  
SURGERY

FIG. 2A

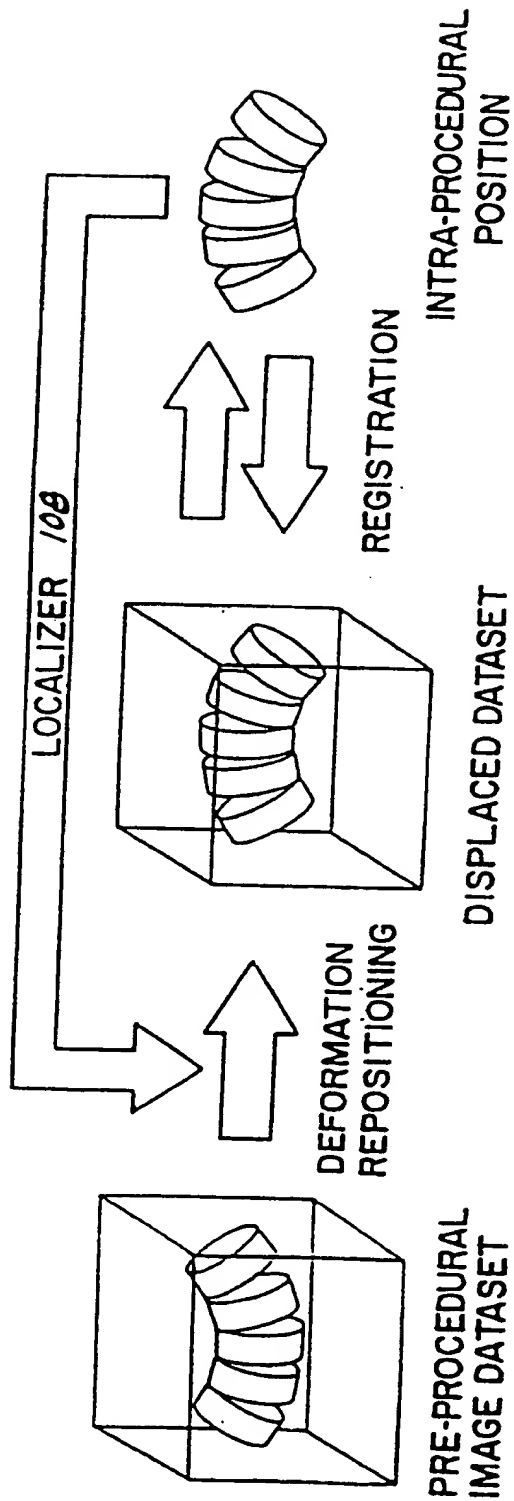




FIG. 2B

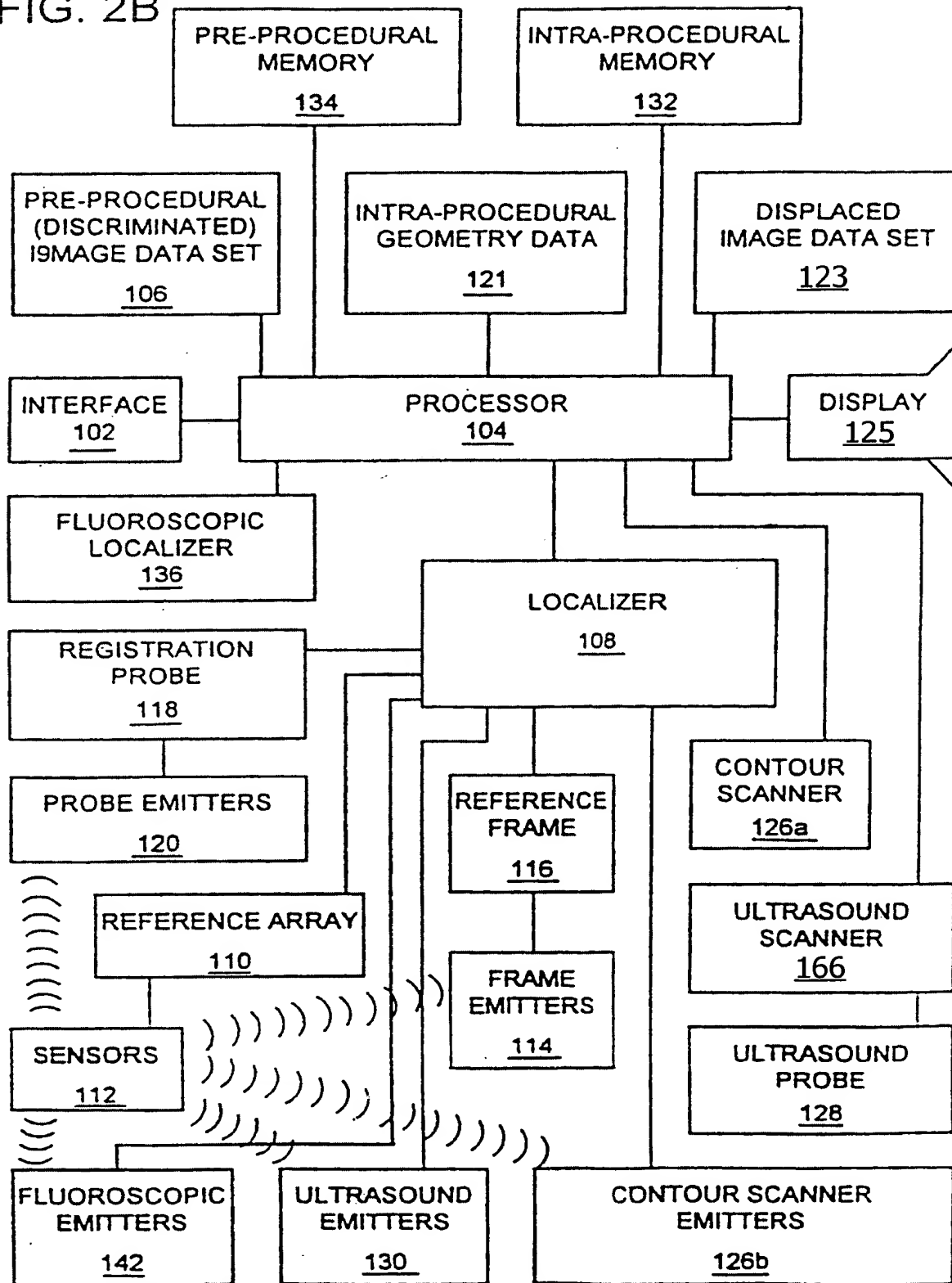


FIG. 3

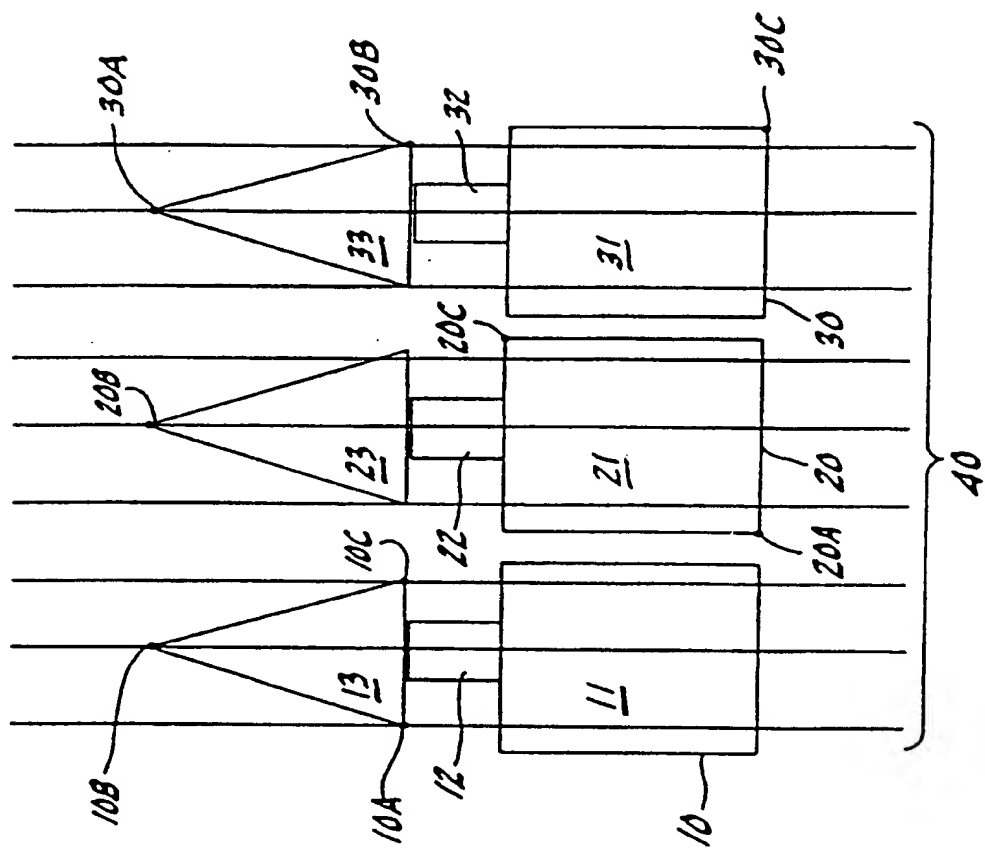




FIG. 4

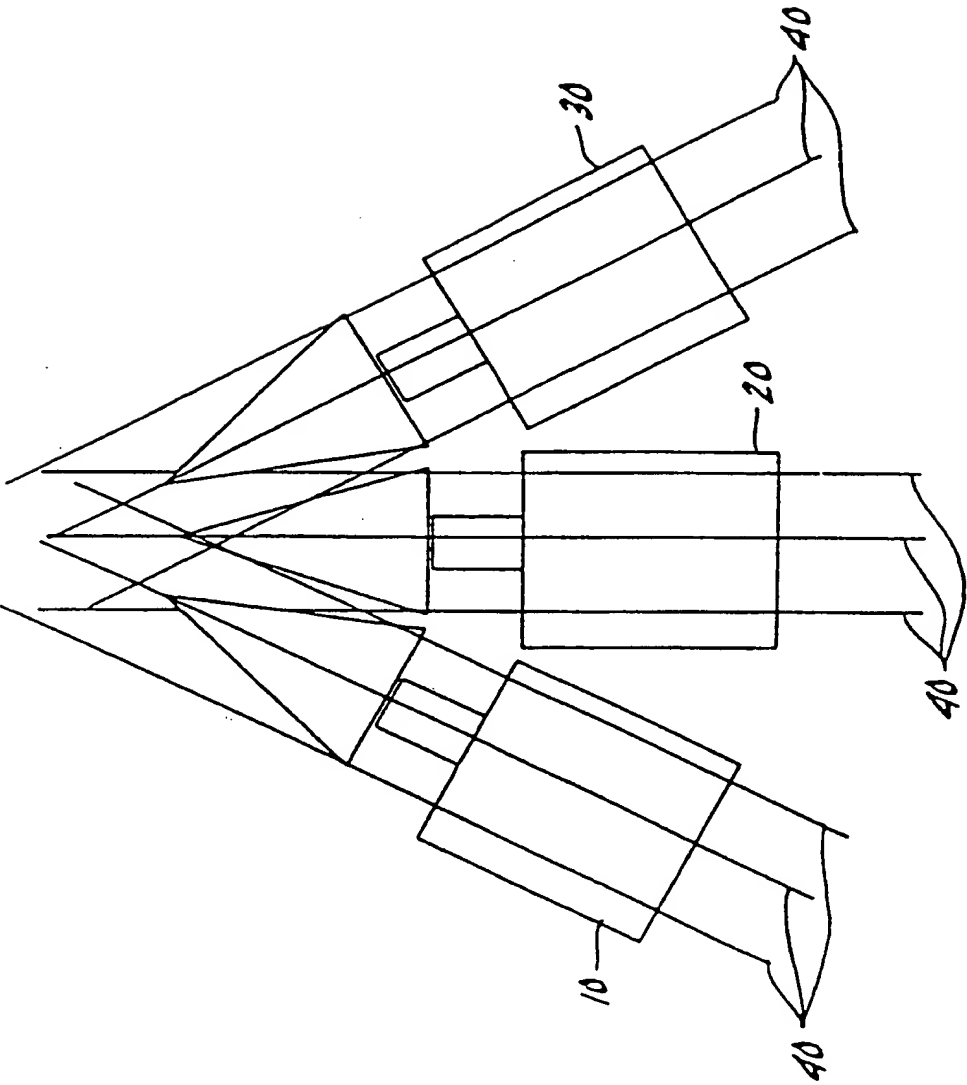


FIG. 5

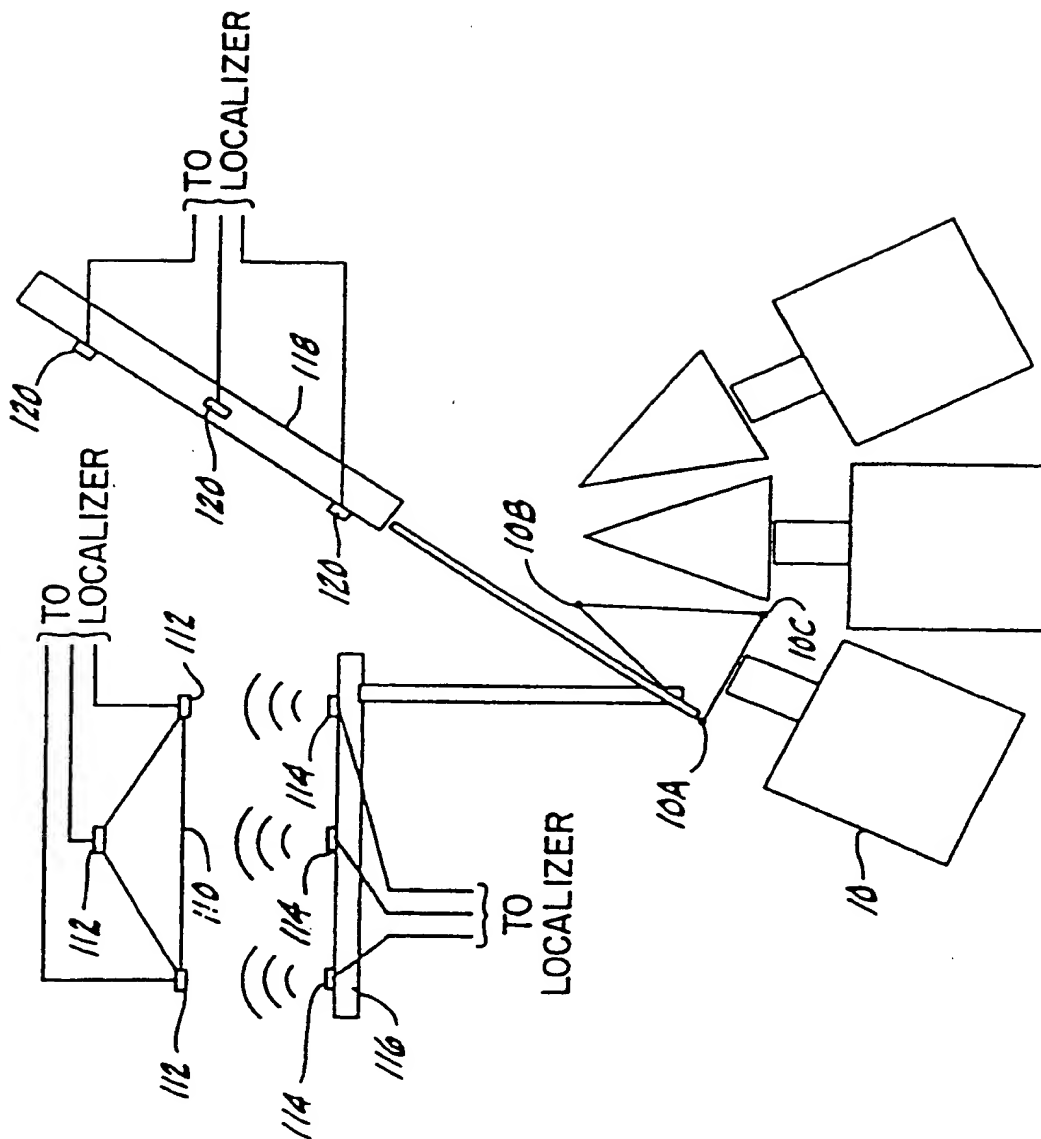
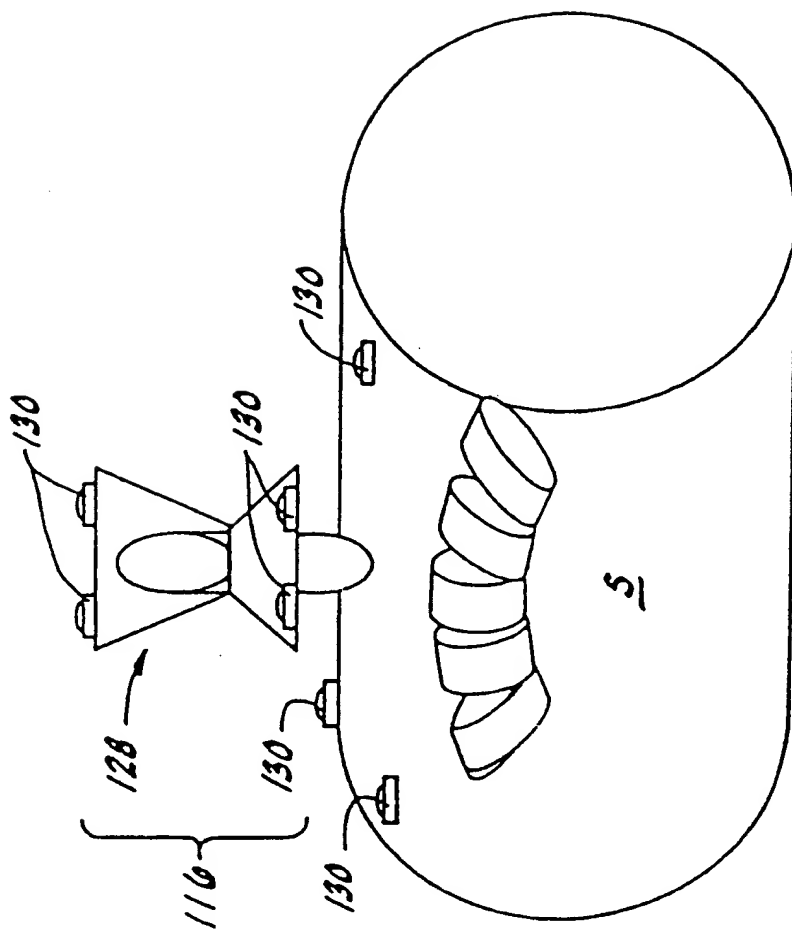


FIG. 6





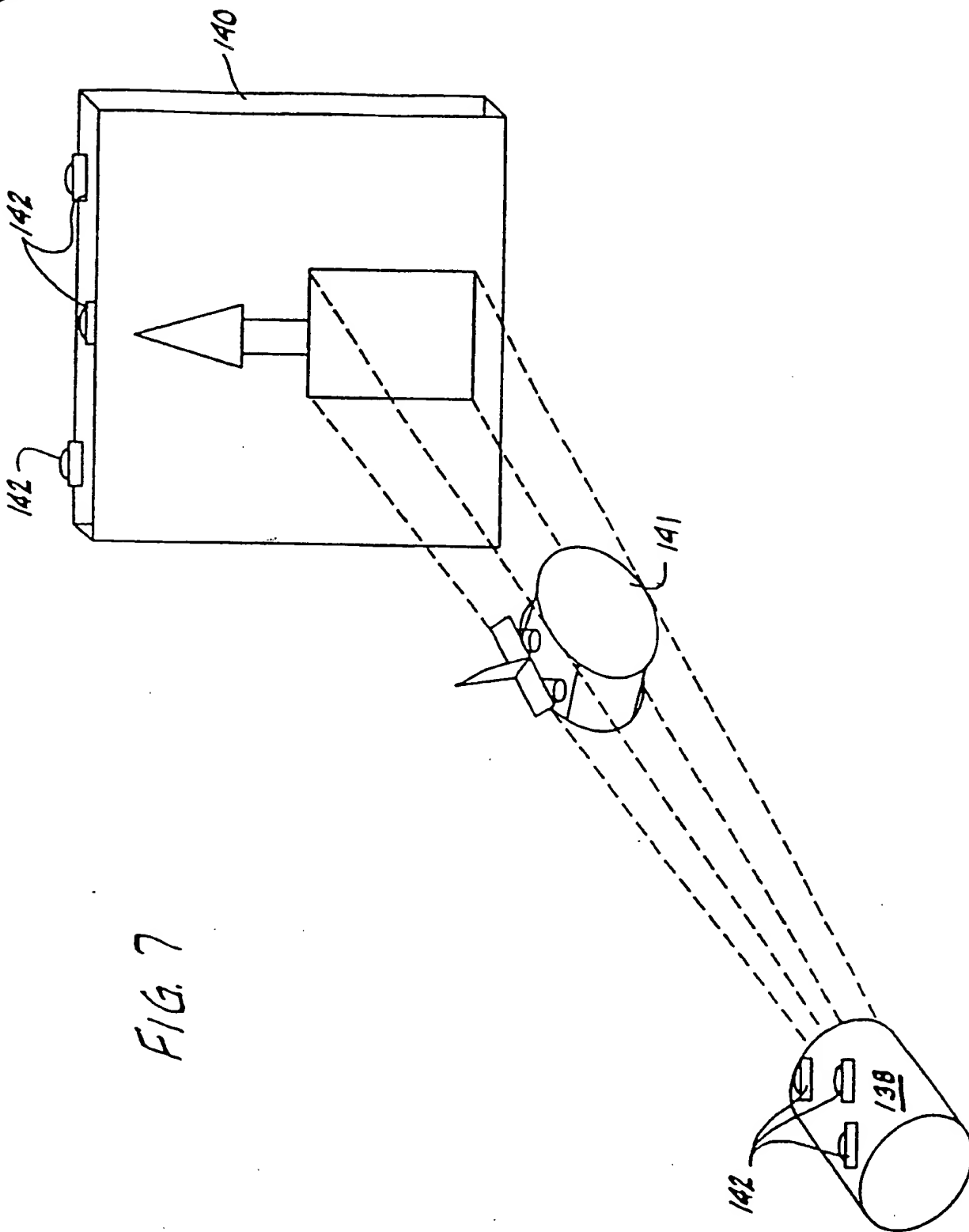


FIG. 7

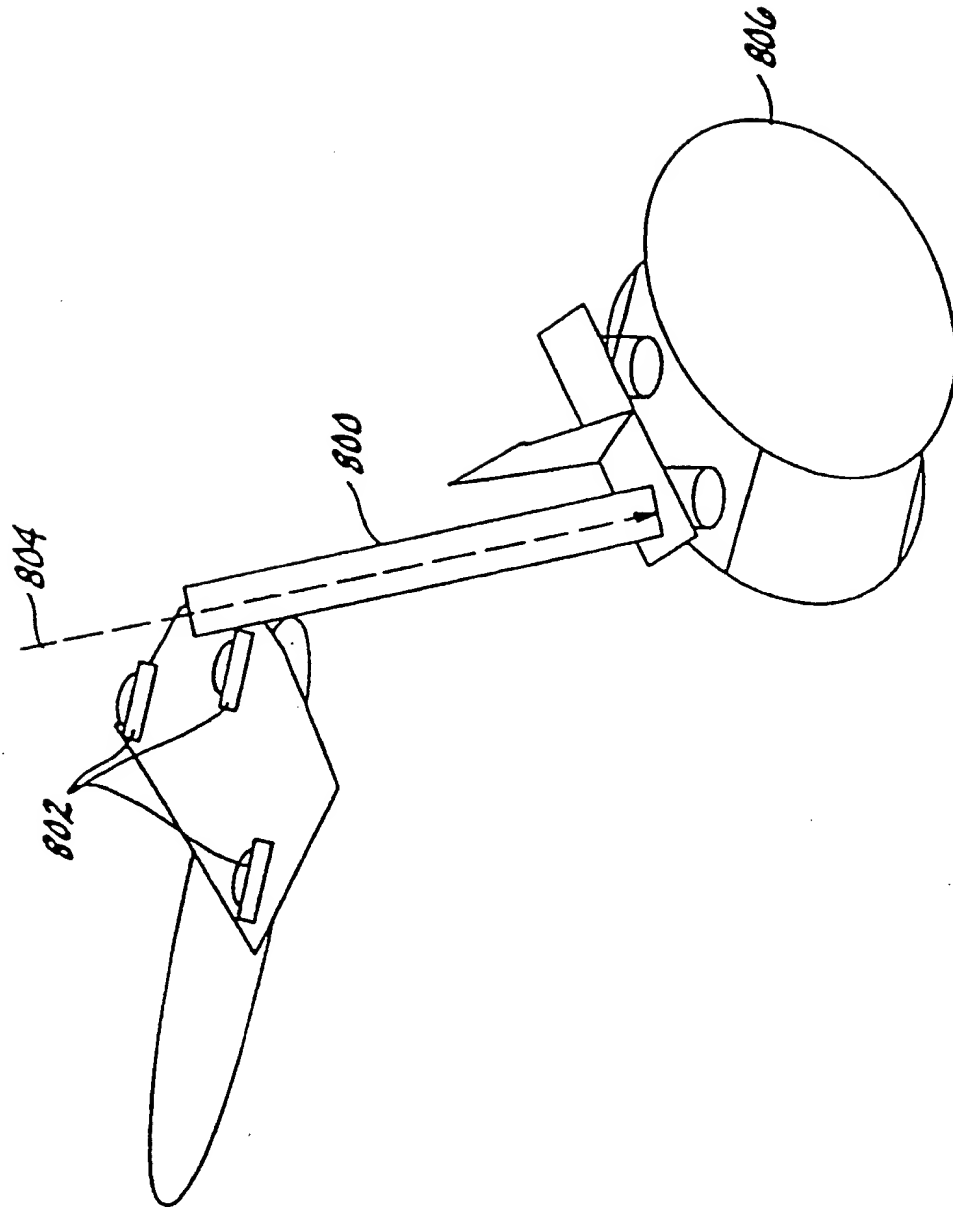


FIG. 8

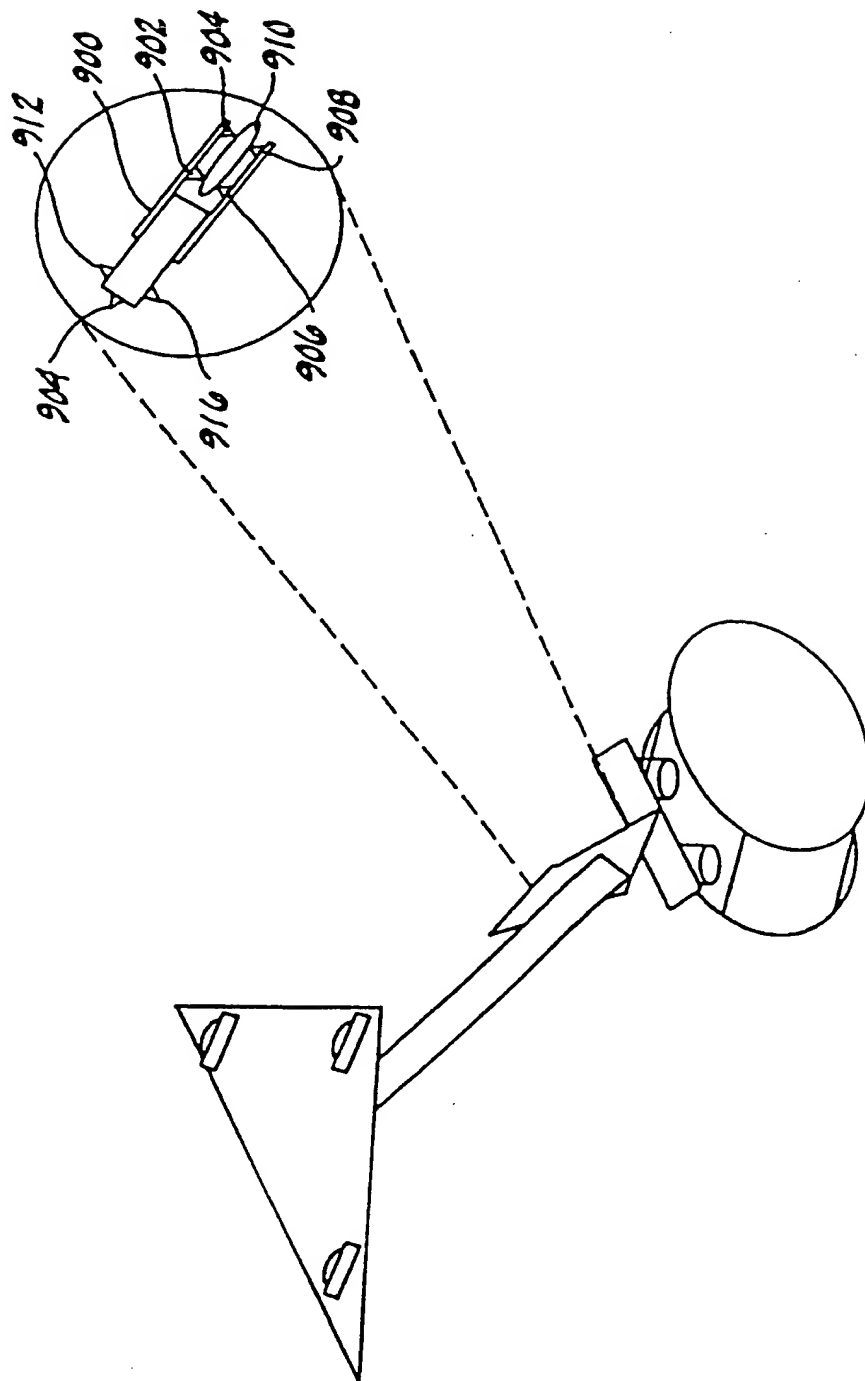


FIG. 9

FIG. 10

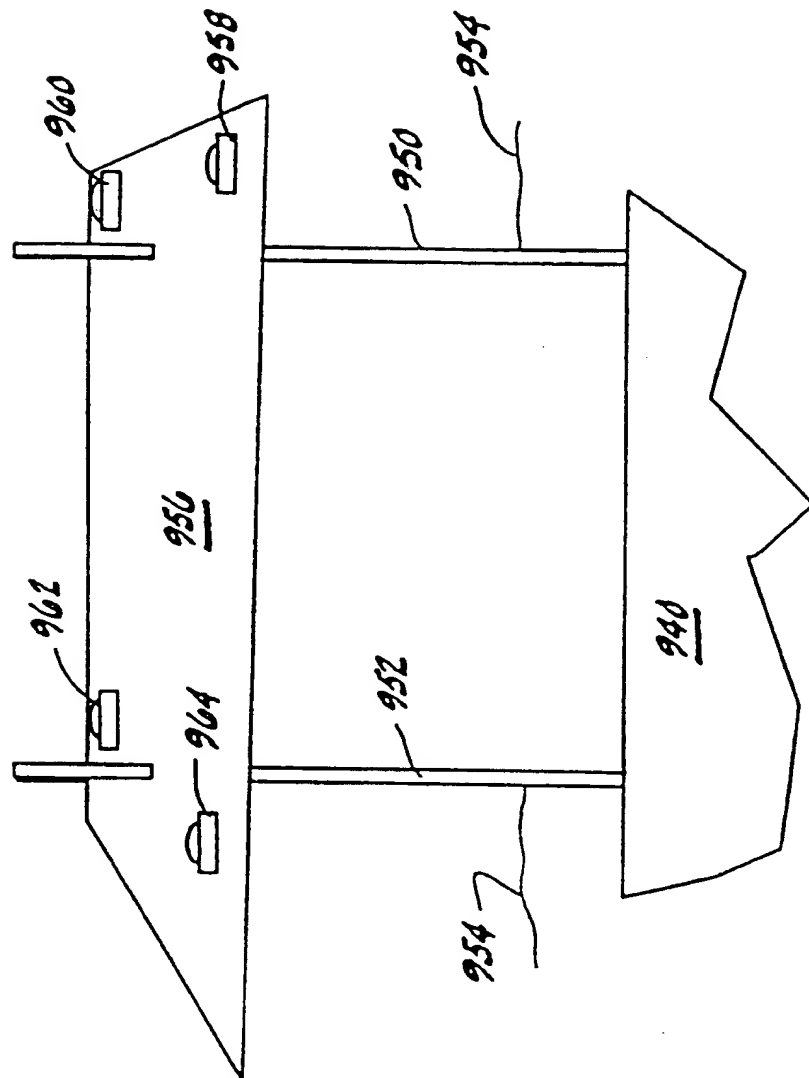
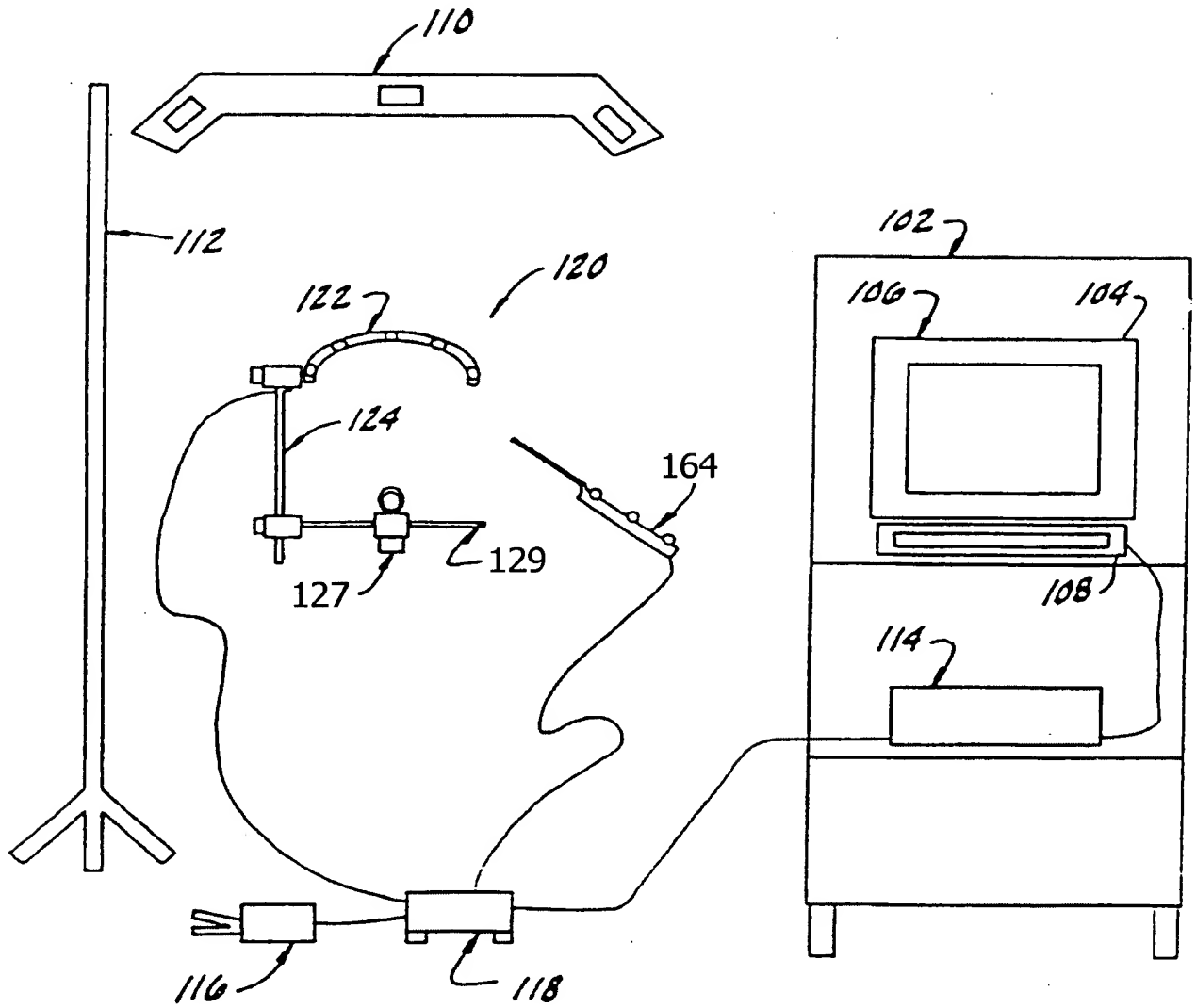




FIG. 11



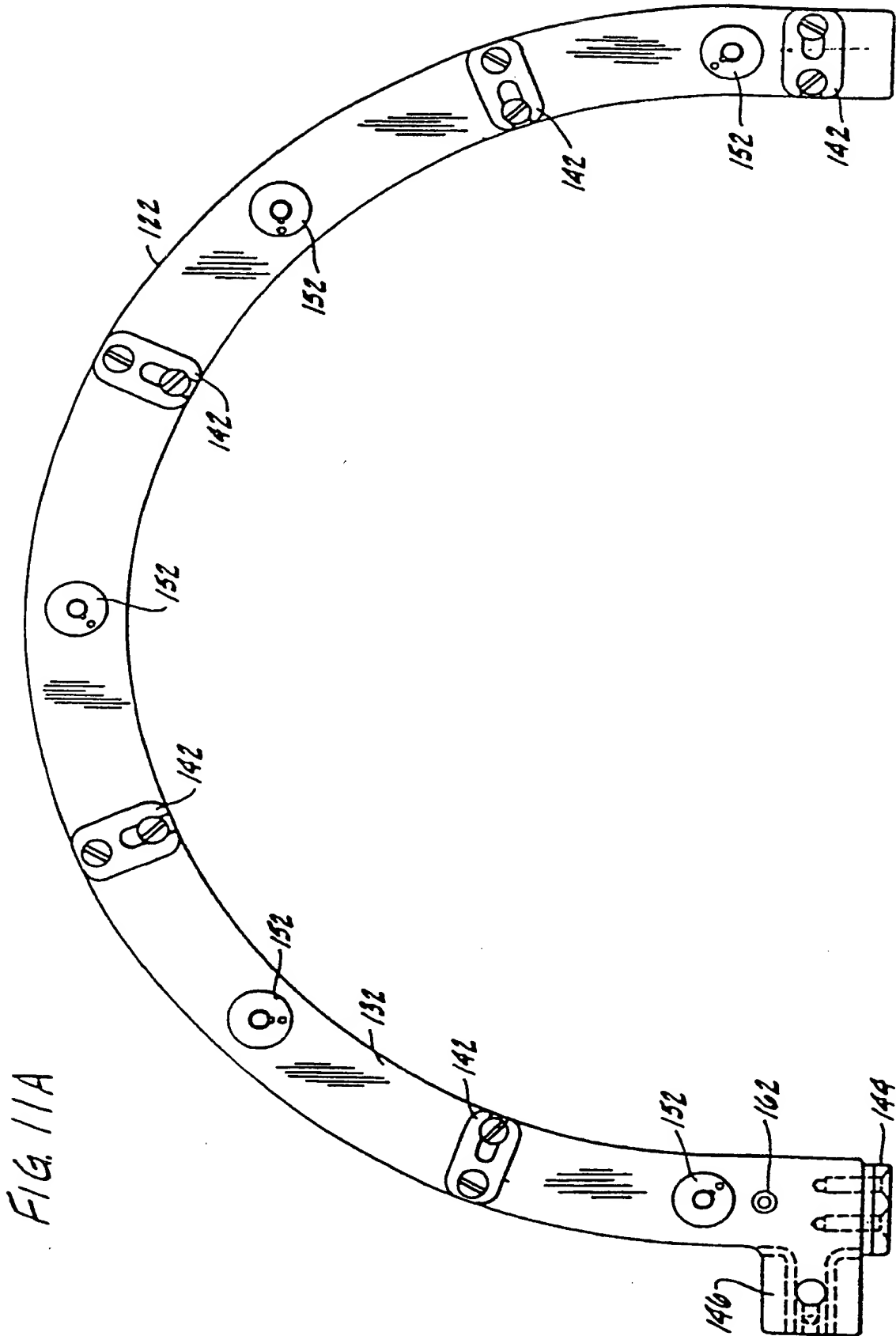


FIG. 11B

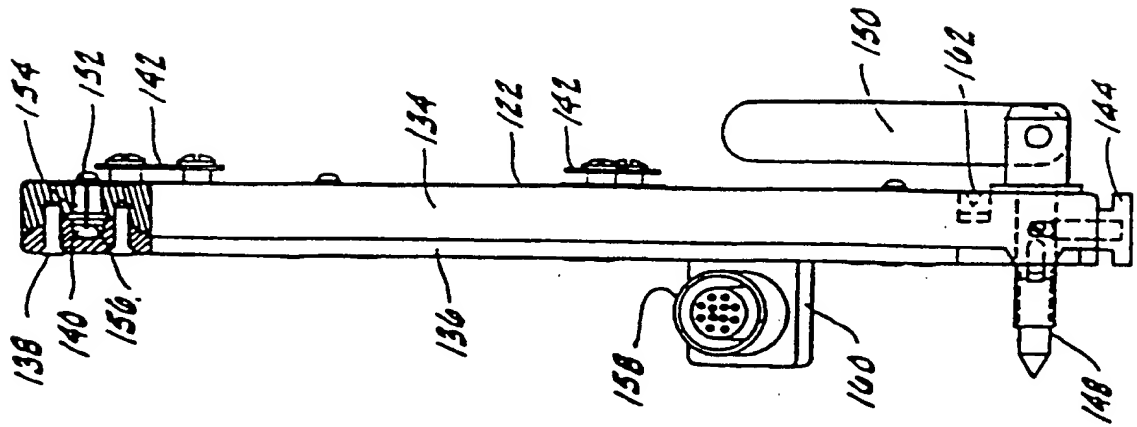
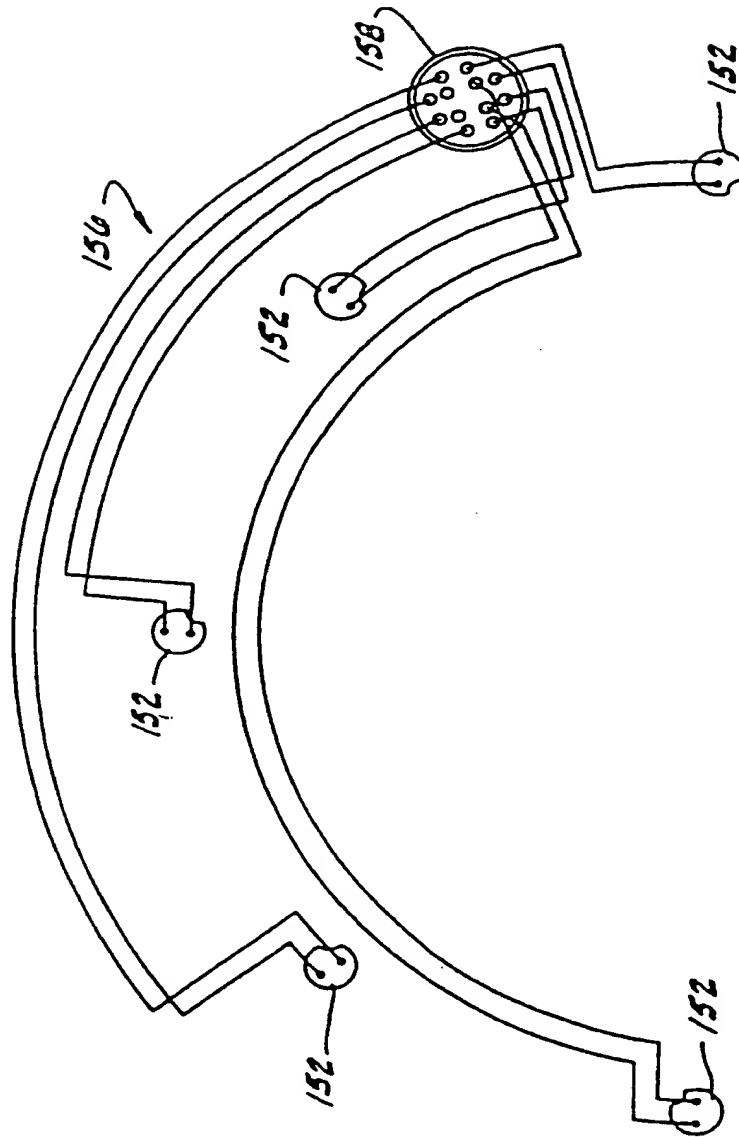
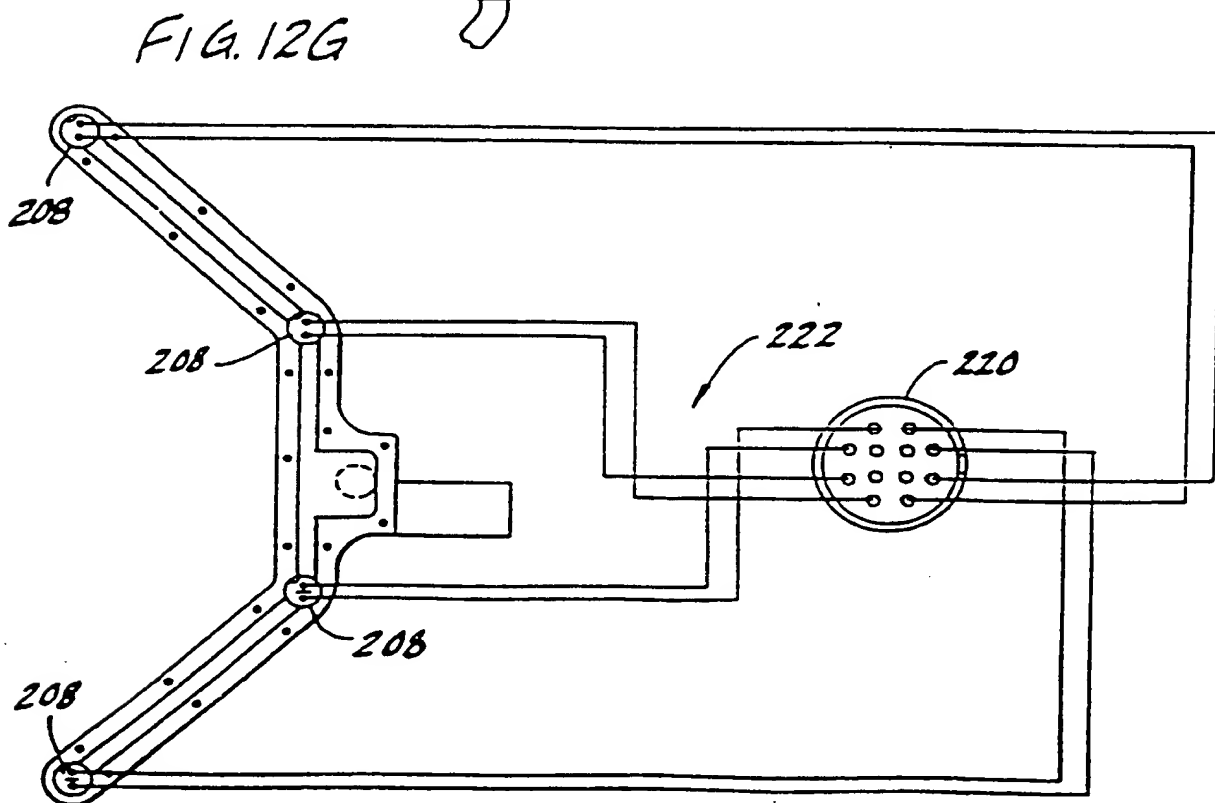
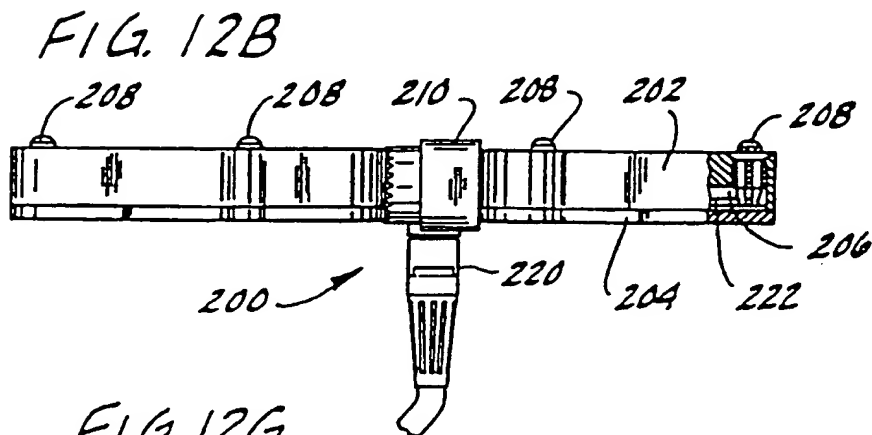
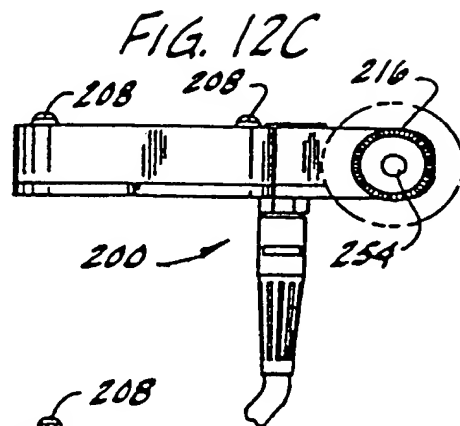
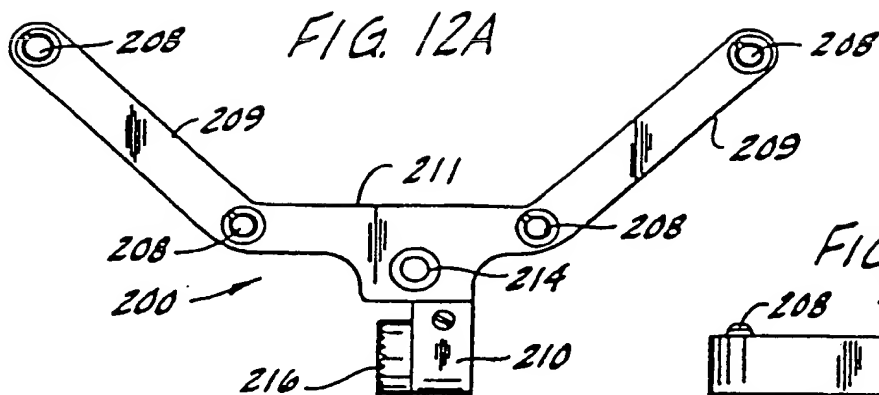


FIG. 11C







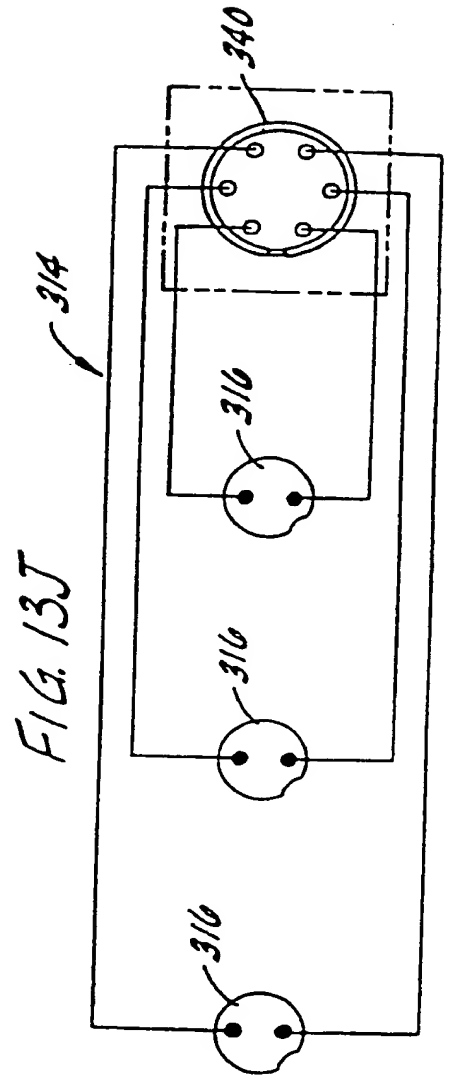
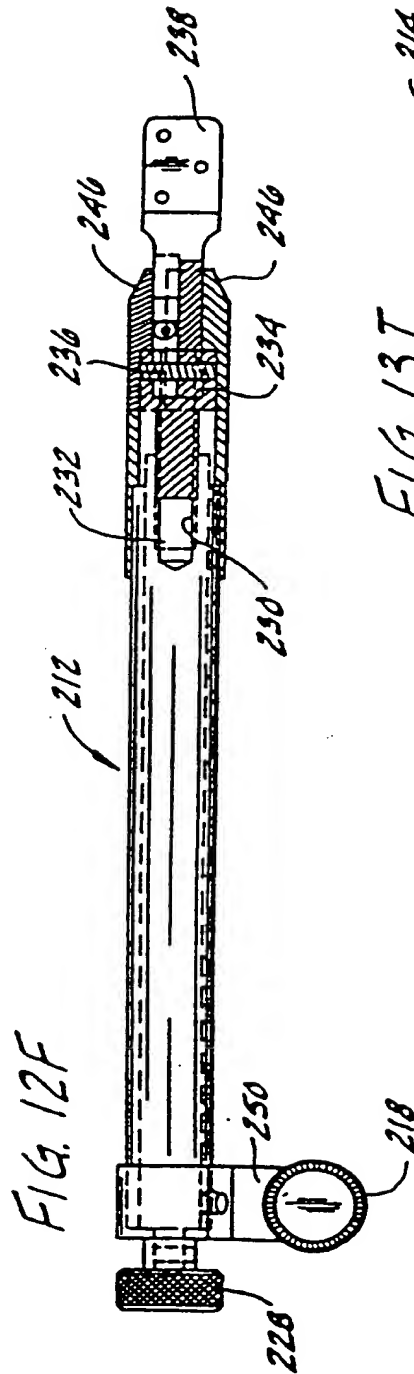
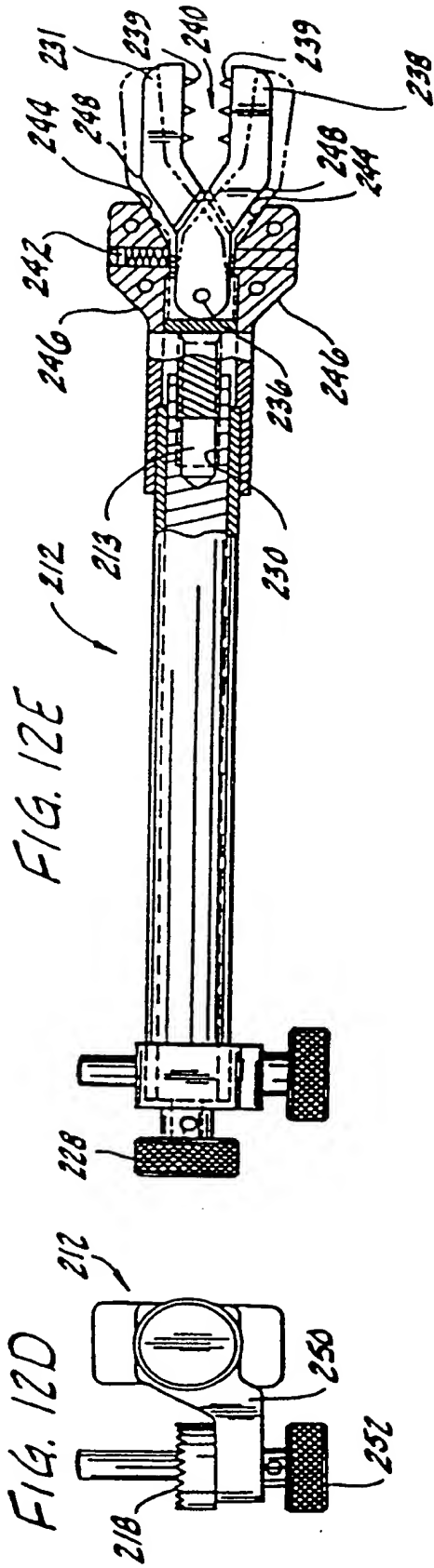


FIG. 13A

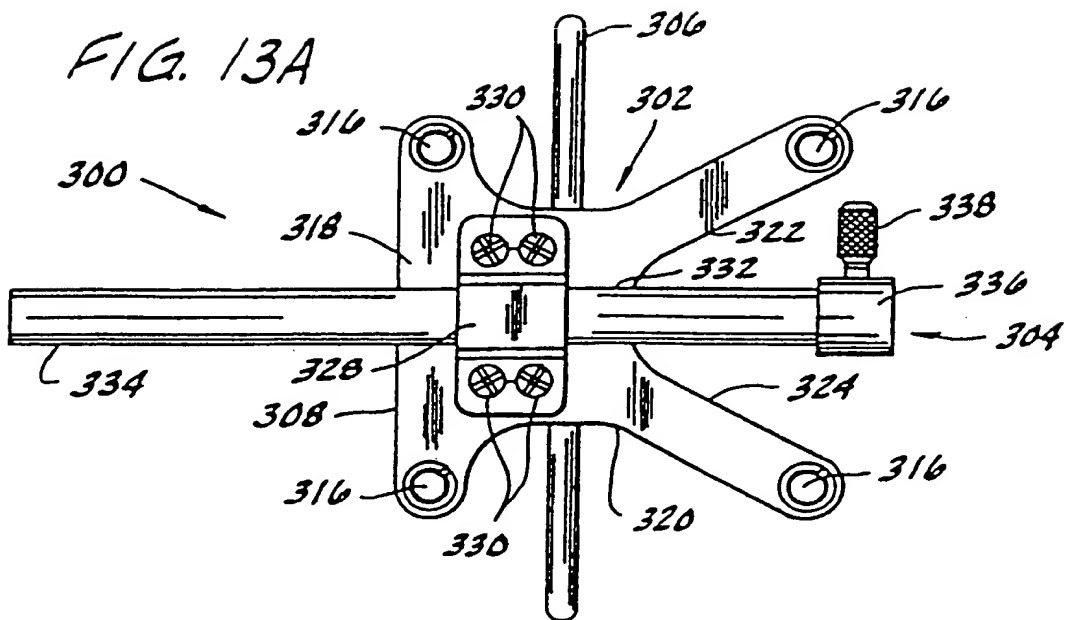


FIG. 13C

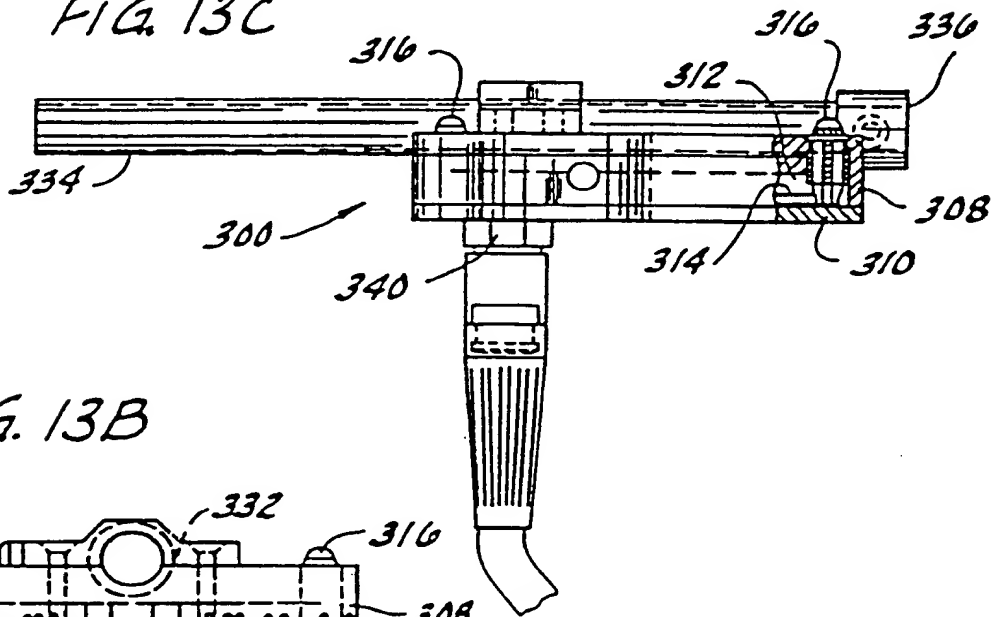


FIG. 13B

